

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	555	(417/222.2).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/03/22 07:59
S2	1305	(417/269).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/03/21 13:19
S3	555	(417/222.2).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/03/21 14:42
S4	221	S3 and rotary valve	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2006/03/21 14:43
S5	19	S3 and "rotary valve"	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2006/03/21 14:43
S6	44	("1367914"   "2160978"   "2663492"   "3304886"   "3498227"   "3696710"   "3817660"   "3851669"   "4007663"   "4174191"   "4226572"   "4347778"   "4712982"   "4723891"   "4872814"   "4880361"   "5174728"   "5178521"   "5181834"   "5201261"   "5207078"   "5228841"   "5232349"   "5286173"   "5292233"   "5304042"   "5316446"   "5336056"   "5342178").PN. OR ("5417552"). URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2006/03/21 14:49
S7	555	(417/222.2).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/22 08:00
S8	30	S7 and (Rotary valve and (circle or ellipse or Oval))	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2006/03/22 08:05
S9	3	S7 and ("Rotary valve" and (circle or ellipse or Oval))	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2006/03/22 08:05
S10	0	("2005/0031456").URPN.	USPAT	AND	ON	2006/03/22 08:13
S11	0	("2005/0031456").URPN.	USPAT	AND	ON	2006/03/22 08:13
S12	0	("2005/0031456").URPN.	USPAT	AND	ON	2006/03/22 08:13
S13	0	("2005/0031456").URPN.	USPAT	AND	ON	2006/03/22 08:22
S14	1305	(417/269).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/03/22 08:24

## EAST Search History

S15	19	S14 and ("rotary valve" and (circle or ellipse or Oval))	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2006/03/22 08:55
S16	167	(91/503).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/03/22 09:09
S17	284	(251/209).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/03/22 09:10
S18	2158	((417/222.2) or (417/269) or (91/503) or (251/209)).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/03/22 10:43
S19	53	S18 ((rotor\$5 orrotar\$5 or rotat\$4) near7 valve\$5 with(circul\$5 or round or ellip\$5 or ov\$3 or Oblong or Parallelogram or diamond))	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2006/03/22 12:00
S20	160523	((("251") or ("417") or ("91")).CLAS.	US-PGPUB; USPAT	OR	OFF	2006/03/22 12:01
S21	1301	S20 and ((rotor\$5 orrotar\$5 or rotat\$4) near7 valve\$5 with(circul\$5 or round or ellip\$5 or ov\$3 or Oblong or Parallelogram or diamond))	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2006/03/22 12:02
S22	1454	"137"/\$ ((rotor\$5 orrotar\$5 or rotat\$4) near7 valve\$5 with(circul\$5 or round or ellip\$5 or ov\$3 or Oblong or Parallelogram or diamond))	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2006/03/22 13:31
S23	1811	"137"/\$ ((rotor\$5 or rotar\$5 or rotat\$4) near7 valve\$5 with (circul\$5 or round or ellip\$5 or ov\$3 or Oblong or Parallelogram or diamond))	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2006/03/22 13:32
S24	42	((rotor\$5 or rotar\$5 or rotat\$4) near4 valve\$5 with (Oblong or Parallelogram or diamond))	USOCR	AND	ON	2006/03/22 14:57
S25	206	(rotar\$5 or rotor\$4 or rotat\$4 or ratation\$3) near3 valve\$5 same (rhomb\$5 or parallelegam\$3 or parallelogram\$4 or diamond\$4)	USOCR	AND	ON	2006/03/22 14:57
S26	1	("20040258536").PN.	US-PGPUB; USPAT	OR	OFF	2006/03/23 15:49